

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code:

Generator No:

195219



A. GENERATOR INFORMATION

GENERATOR NAME USEPA - Region II
MAILING ADDRESS 2890 Woodbridge Avenue
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE Chromic Acid Solids

GENERATOR USEPA ID NTP000793240

BILLING ADDRESS Green Industries, Inc
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Moravjan
PHONE # 610-491-9100 FAX # 610-491-9617
PROCESS GENERATING WASTE CERCLA Removal Action
EPA site Clean-out

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Yellow Solids, brown/red

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☐ LIQUID ☐ BI-LAYERED
☒ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

☒ WASTEWATER
☐ NONWASTEWATER

SPECIFIC GRAVITY: _____

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☒ 101°F - 141°F
☐ 142°F - 200°F
☒ > 200°F

☒ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0
% Suspended Solids 100
% Solid/Debris 100
% Free Liquids 0

PH
2.0
2.01-5
5.01-9
9.01-12.4
> 12.50
7 EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☒ No
Is Analysis Attached? ☐ Yes ☒ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Chromic Acid</u>	<u>100</u>	<u>100</u>
<u>715-141-92</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): D001, D007, D008

APPLICABLE SUBCATEGORIES: I, E

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: RD waste Chromic Acid Solid

CLASS: S.1 I.D. NO: 1463 P.G.: II R.Q.: 100*

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: 3-6
☐ BULK SOLID
☐ DUMP TRAILER QUANTITY: 3-6
☐ ROLL-OFF
☒ DRUM SIZE UNITS: Drums
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER W-T-I
Must incinerate @ W-T-I
Certificate of Destruction required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☒ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No: If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.12(a) at concentrations exceeding the U.S.M.P. treatment standards? ☒ Yes ☐ No: If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

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Material Profile Sheet
Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
EDISON, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE Non-Haz High BTU Solids
(moderate to high)

GENERATOR USEPA ID NJP000793240
BILLING ADDRESS Green Industries, Inc.
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Morshagen
PHONE # 610-491-9660 FAX # 610-491-9617
PROCESS GENERATING WASTE
EPA Site Clean-out
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Yellow, Solid, Monolithic
various cubes

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: >1.0

PHYSICAL STATE @ 70°F
☒ SOLID ☐ SINGLE PHASE
☐ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT
☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☒ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE
% Sludge 0
% Suspended Solids 0
% Solid/Debris 100
% Free Liquids 0

pH
☐ < 2.0
☐ 2.01-5
☒ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☒ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☒ No
Is Analysis Attached? ☐ Yes ☒ No

Non Haz Characterized Waste	RANGE MINIMUM	RANGE MAXIMUM
<u>solids</u>	<u>40</u>	<u>50</u>
<u>Chlorides</u>	<u>20</u>	<u>25</u>
<u>Sodium Chloride</u>	<u>20</u>	<u>25</u>

Waste/leak sample is a
composite of 4 groups
totaling 55 drums (B5-1, 9, 11, 12)

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☐ YES ☒ NO

USEPA CODE(S): N/A

APPLICABLE SUBCATEGORIES: N/A

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S): N/A ID 27

D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NO

PROPER SHIPPING NAME: NON DOT/RCRA Solid

CLASS: _____ I.D. NO: _____ P.G.: _____ R.Q.: _____

E. SHIPPING INFORMATION/SHIPMENT METHOD:

BULK LIQUID _____ ANTICIPATED VOLUME: 55
☒ BULK SOLID (P)
DUMP TRAILER _____ QUANTITY: 55 DRUMS
ROLL-OFF _____ UNITS: DRUMS
☒ DRUM SIZE Various PRICE: _____
PALLETS _____ FREQUENCY: once
CUBIC YARD BOX _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒ (Ross)
NO LANDFILL _____ CCI SALES CODE _____
PROJECT CODE _____
OTHER: Incinerate @ Ross.
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate if This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.2(1) at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any appropriate notification.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.



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217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave Newark, NJ 07104
NAME OF WASTE Non-Haz High BTU Solids
(Moderate to high)

GENERATOR USEPA ID NJP0000793240
BILLING ADDRESS Green Industries, Inc.
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Marsberger
PHONE # 610-491-9660 FAX # 610-491-9617
PROCESS GENERATING WASTE
EPA Site Clean-out
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Yellow, solid, non-lithic
various colors

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.0

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☐ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☒ NO FLASH

EXACT

Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0
% Suspended Solids 0
% Solid/Debris 100
% Free Liquids 0

pH

☐ < 2.0
☐ 2.01-5
☒ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☒ EXACT

Dumpable?

☒ Yes ☐ No

Pumpable?

☐ Yes ☒ No

Pourable?

☐ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☒ No
Is Analysis Attached? ☐ Yes ☒ No

Non Haz Characterized waste	RANGE MINIMUM	RANGE MAXIMUM
Soils	40	50
Carbonates	20	25
Sodium Chloride	20	25

Wastes from sample is a
composite of 4 groups
totaling 55 drums (BS-1, 9, 11, 12)

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☐ YES ☒ NO

USEPA CODE(S): N/A

APPLICABLE SUBCATEGORIES: N/A

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S): N/A ID 27

D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NO

PROPER SHIPPING NAME: NON DOT/RCPA solid

CLASS: _____ I.D. NO: _____ P.G.: _____ R.Q.: _____

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: 55
☒ BULK SOLID (N)
☐ DUMP TRAILER QUANTITY: 55 Drums
☐ ROLL-OFF
☒ DRUM SIZE VARIOUS UNITS: Drums
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: once

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒ (Ross)
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER: Incinerate @ Ross.
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.25(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approved.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Line Item 12.

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet
Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT M. Ferriola
GENERATOR PHONE # 732-341-4442
SITE ADDRESS 24 River Side Ave, Newark, NJ
NAME OF WASTE Line Item 12. 07104
PPE Debris

GENERATOR USEPA ID NJP000793240
BILLING ADDRESS Green Industries
4113 Ashton Drive
King of Prussia PA 19406
CONTACT John Nobsinger
PHONE# 610-491-9660 FAX # _____
PROCESS GENERATING WASTE EPA Site
Cleanup Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: VARIE 5/50110

STRONG INCIDENTAL ODOR PRESENT

☐ YES ☒ NO

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☐ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 2.1

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☒ > 200°F

☒ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Yes ☐ No

LIQUID/SOLID/SLUDGE

% Sludge

% Suspended Solids

% Solid/Debris 100

% Free Liquids

pH

< 2.0

2.01-5

5.01-9

9.01-12.4

> 12.50

EXACT

Dumpable?

☒ Yes

☐ No

Pumpable?

☒ Yes

☐ No

Pourable?

☒ Yes

☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>PPE PAAS, RAGS,</u>		<u>100</u>
<u>SAMPLE TUBES,</u>		
<u>EMPTY glass sample</u>		
<u>JARS,</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?:

☐ YES

☒ NO

USEPA CODE(S):

APPLICABLE SUBCATEGORIES:

STATE HAZARDOUS WASTE?:

☒ YES

☐ NO

STATE CODE(S): 10027

D.O.T. HAZARDOUS WASTE?:

☐ YES

☒ NO

PROPER SHIPPING NAME: Nm DOT / Nm Regulated Solid

CLASS: A

I.D. NO: X

P.G.: X

R.Q.: X

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID

ANTICIPATED VOLUME: 2 XCYB

☐ BULK SOLID

☐ DUMP TRAILER

QUANTITY: 2

☐ ROLL-OFF

☒ DRUM SIZE

UNITS: _____

☐ PALLETS

PRICE: _____

☒ CUBIC YARD BOX

FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES _____

INCINERATE ONLY ☒

NO LANDFILL _____

CCI SALES CODE _____

PROJECT CODE _____

OTHER ROSS

Must be incinerated @ ROSS.
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐

CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐

CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

A. GENERATOR INFORMATION

GENERATOR NAME: US EPA Region II
MAILING ADDRESS: 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT: M. Ferriola
GENERATOR PHONE #: 732-321-4342
SITE ADDRESS: 29 River Side Ave Newark, NJ
NAME OF WASTE: Line Item 12. PPE Debris. 07104

GENERATOR USEPA ID: NJP000793240
BILLING ADDRESS: Green Industries
413 Ashtan Drive
King of Prussia PA 19406
CONTACT: John Mosberger
PHONE#: 610-991-9660 FAX #: _____
PROCESS GENERATING WASTE: EPA Site Cleanup Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: VARIES / SOLID

STRONG INCIDENTAL ODOR PRESENT
_ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 2.1

PHYSICAL STATE @ 70°F
☒ SOLID _____ SINGLE PHASE
_____ LIQUID _____ BI-LAYERED
_____ POWDER _____ MULTI-LAYERED
_____ SEMI SOLID _____ SLUDGE

FLASHPOINT
_ < 70°F
_ 70°F - 100°F
_ 101°F - 141°F
_ 142°F - 200°F
_ > 200°F
☒ NO FLASH
EXACT
Ignitable (if solid) _____ Yes _____ No
_____ Closed Cup _____ Open Cup

LIQUID/SOLID/SLUDGE
% Sludge
% Suspended Solids
% Solid/Debris: 100
% Free Liquids

pH
_ < 2.0
_ 2.01-5
_ 5.01-9
_ 9.01-12.4
_ > 12.50
_ EXACT

Dumpable? ☒ Yes _____ No
Pumpable? ☒ Yes _____ No
Pourable? ☒ Yes _____ No

C. CHEMICAL COMPOSITION Is MSDS Attached? Yes No
Is Analysis Attached? Yes No

	RANGE MINIMUM	RANGE MAXIMUM
<u>PPE PADS, BAGS,</u>		<u>100</u>
<u>SAMPLE TUBES,</u>		
<u>EMPTY GLASS SAMPLE</u>		
<u>JARS,</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☐ YES ☒ NO

USEPA CODE(S): _____

APPLICABLE SUBCATEGORIES: _____

STATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): 10027

D.O.T. HAZARDOUS WASTE?: ☐ YES ☒ NO

PROPER SHIPPING NAME: Non DOT / Non Regulated Solid

CLASS: A I.D. NO: X P.G.: X R.Q.: X

E. SHIPPING INFORMATION/SHIPMENT METHOD:

_____ BULK LIQUID ANTICIPATED VOLUME: 2 XCYB
_____ BULK SOLID
_____ DUMP TRAILER QUANTITY: 2
_____ ROLL-OFF
☒ ~~DRUMS~~ UNITS: _____
_____ PALLETS PRICE: _____
☒ CUBIC YARD BOX FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES _____ INCINERATE ONLY ☒
NO LANDFILL _____ CCI SALES CODE _____
PROJECT CODE _____
OTHER: 12035
Must be incinerated @ Ross.
Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

- _____ RCRA REACTIVE
_____ WATER REACTIVE
_____ RADIOACTIVE
_____ SUBJECT TO SUBPART FF
_____ BENZENE REGULATIONS
_____ ETIOLOGICAL
_____ TSCA REGULATED
_____ OXIDIZING MATERIAL
_____ PYROPHORIC
_____ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? Yes No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? Yes No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME: USEPA-Region II
MAILING ADDRESS: 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT: Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS: 21 Riverside Ave, Newark, NJ 07104
NAME OF WASTE: Organic Peroxide

GENERATOR USEPA ID: D5P000793240

BILLING ADDRESS: Green Industries, Inc
413 Ashton Drive
King of Prussia PA 19406

CONTACT: J. Morsbruger
PHONE# 610-491-9000 FAX # 610-491-9617
PROCESS GENERATING WASTE

EPA Site Clean-out (CERCLA Removal Action)

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: White solid Light blue liquid

STRONG INCIDENTAL ODOR PRESENT

☒ YES ☐ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: _____

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT

☒ 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☐ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0
% Suspended Solids 0
% Solid/Debris 100
% Free Liquids 0

pH

☐ < 2.0
☐ 2.0-5
☐ 5.0-9
☐ 9.0-12.4
☐ > 12.50
☐ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☒ Yes ☐ No
Is Analysis Attached? ☒ Yes ☐ No

Characterized Organic
Peroxide

	RANGE MINIMUM	RANGE MAXIMUM
<u>100</u>	<u>100</u>	<u>100</u>

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): D001, D003

APPLICABLE SUBCATEGORIES: I, R

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: Waste Organic Peroxide Type D, liquid

CLASS: 5.2 I.D. NO: 3105 P.G.: II R.Q.: 100%

E. SHIPPING INFORMATION/SHIPMENT METHOD:

BULK LIQUID ANTICIPATED VOLUME: 1
BULK SOLID
DUMP TRAILER QUANTITY: 1
ROLL-OFF
☒ DRUM SIZE UNITS: Drum (10 gallon)
PALLETS PRICE: _____
CUBIC YARD BOX FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____

PROJECT CODE _____

OTHER: Must be incinerated @ WTI!

Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☒ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☒ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.2(1) at concentrations exceeding the WTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: DSL DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer: degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes.

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

A. GENERATOR INFORMATION

GENERATOR NAME USEPA-Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 21 Riverside Ave, Newark, NJ 07104
NAME OF WASTE Organic Peroxide

GENERATOR USEPA ID DJP000793240

BILLING ADDRESS Green Industries, Inc
413 Ashlan Drive
King of Prussia PA 19406

CONTACT J. Mayberry
PHONE # 610-491-9000 FAX # 610-491-9617
PROCESS GENERATING WASTE

EPA Site Clean-out (CERCLA Removal Action)

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: White solid

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: _____

PHYSICAL STATE @ 70°F
☒ SOLID ☐ LIQUID ☐ POWDER ☐ SEMI SOLID
☐ SINGLE PHASE ☐ BI-LAYERED ☐ MULTI-LAYERED ☐ SLUDGE

FLASHPOINT
☒ 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ >200°F
☐ NO FLASH
☐ EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE
% Sludge 0
% Suspended Solids 0
% Solid/Debris 100
% Free Liquids 0

pH
☒ <2.0
☐ 2.0-5
☐ 5-9
☐ 9.01-12.4
☐ >12.50
☐ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☒ Yes ☐ No
Is Analysis Attached? ☒ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
Characterized Organic Peroxide	100	100

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): D001, D003

APPLICABLE SUBCATEGORIES: I, R

STATE HAZARDOUS WASTE? ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: Waste Organic Peroxide Type D

CLASS: 5.2 I.D. No: 3105 P.G.: II R.Q.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ☐ ANTICIPATED VOLUME: _____
☐ BULK SOLID
☐ DUMP TRAILER
☐ ROLL-OFF
☒ DRUM SIZE QUANTITY: 1
☐ PALLETS UNITS: Drum (10 gallon)
☐ CUBIC YARD BOX PRICE: _____
FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER Must be incinerated @ WTI!

Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:
☒ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☒ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.21(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 2890 Woodbridge Ave
NAME OF WASTE Hydrofluoric Acid

GENERATOR USEPA ID NJP000793240

BILLING ADDRESS Green Industrial Inc.
413 Ashton Drive
King of Prussia, PA 19406

CONTACT J. Munn
PHONE # (610) 491-9662 FAX # (610) 491-9617
PROCESS GENERATING WASTE EPA Cleanup

CECLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Brown Liquid

STRONG INCIDENTAL ODOR PRESENT
☒ YES ☐ NO

PHYSICAL STATE @ 70°F
☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.2

FLASHPOINT
____ < 70°F
____ 70°F - 100°F
____ 101°F - 141°F
____ 142°F - 200°F
____ > 200°F
☒ NO FLASH
EXACT
Ignitable (if solid) Yes ___ No ___
Closed Cup Open Cup

LIQUID/SOLID/SLUDGE
% Sludge
% Suspended Solids
% Solid/Debris
% Free Liquids 100

pH
____ < 2.0
____ 2.01-5
____ 5.01-9
____ 9.01-12.4
____ > 12.50
____ EXACT

Dumpable? Yes ___ No ___
Pumpable? Yes ___ No ___
Pourable? Yes ___ No ___

C. CHEMICAL COMPOSITION Is MSDS Attached? Yes No ___
Is Analysis Attached? Yes No ___

	RANGE MINIMUM	RANGE MAXIMUM
<u>Fuming</u>		
<u>Hydrofluoric Acid</u>	<u>100</u>	<u>100</u>

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): P001, P002

APPLICABLE SUBCATEGORIES: Uxy

STATE HAZARDOUS WASTE?: ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: RU Waste Oxidizing Liquid, corrosive

CLASS: 5.1 I.D. NOLUNX P.G.: II R.Q.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD: 4

☐ BULK LIQUID ANTICIPATED VOLUME: 4
☐ BULK SOLID
☐ DUMP TRAILER QUANTITY: 4
☐ ROLL-OFF
☒ DRUM SIZE UNITS: 55
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: one

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER Must be incinerated @ Ross. Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:
☒ RCRA REACTIVE WP
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☒ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.2(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. If your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, coliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyl paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - REGION II
MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 2890 Woodbridge Ave
NAME OF WASTE hydrofluoric acid

GENERATOR USEPA ID NJP0000793240
BILLING ADDRESS Green Industries, Inc.
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Murnighan
PHONE# (610) 491-9662 FAX # (610) 491-9617
PROCESS GENERATING WASTE EPA Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Brown Liquid

STRONG INCIDENTAL ODOR PRESENT
☒ YES ☐ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC
GRAVITY: 1.2

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F

☒ NO FLASH

EXACT

Ignitable (if solid) ☐ Yes ☐ No

Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge

% Suspended Solids

% Solid/Debris

% Free Liquids 100

pH

☒ < 2.0
☐ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☐ EXACT

Dumpable? ☐ Yes ☐ No

Pumpable? ☐ Yes ☐ No

Pourable? ☐ Yes ☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Fuming</u> <u>hydrofluoric acid</u>	<u>100</u>	<u>100</u>

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): P001, P002

APPLICABLE SUBCATEGORIES: Ury

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: RN White Oxidizing Liquid, w/water

CLASS: 5.1 I.D. NO: 100 R.G.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD: 4

☐ BULK LIQUID

ANTICIPATED VOLUME: _____

☐ BULK SOLID

☐ DUMP TRAILER

QUANTITY: 4

☐ ROLL-OFF

☒ DRUM SIZE

UNITS: 55

☐ PALLETS

PRICE: _____

☐ CUBIC YARD BOX

FREQUENCY: one

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒

INCINERATE ONLY ☒

NO LANDFILL

CCI SALES CODE _____

PROJECT CODE _____

OTHER

Must be incinerated @ Ross.
Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐

CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐

CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:
☒ RCRA REACTIVE MF
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☒ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

**Cycle Chem, Inc.**(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com217 South First Street
Elizabeth, NJ 07206**Material Profile Sheet**

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATIONGENERATOR NAME USEPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE LOW Chlorinated LiquidsGENERATOR USEPA ID NJP000793240BILLING ADDRESS Green Industries, Inc
413 Ashton Dr
Living of Prussia, PA 19406
CONTACT J. Winkowski
PHONE # 610.491.9650 FAX # 610.491.9617
PROCESS GENERATING WASTE
EPA Site Clean Out
CERCLA Removal Action**B. PHYSICAL CHARACTERISTICS OF WASTE**Color/Physical Description: varied color, thick, resinousSTRONG INCIDENTAL ODOR PRESENT
☒ YES ☐ NOWASTEWATER
☒ NONWASTEWATERSPECIFIC GRAVITY: 1.1PHYSICAL STATE @ 70°F
☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☒ SEMI SOLID ☐ SLUDGEFLASHPOINT
☒ 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ >200°F
☐ NO FLASH
☒ EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open CupLIQUID/SOLID/SLUDGE
% Sludge 0
% Suspended Solids 10
% Solid/Debris 10
% Free Liquids 100pH
☐ <2.0
☐ 2.0-5
☒ 5.01-9
☐ 9.01-12.4
☐ >12.50
☐ EXACTDumpable? ☐ Yes ☒ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ NoTemperature dependent**C. CHEMICAL COMPOSITION** Is MSDS Attached? ☒ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Manufactured low-chlorinated liquids</u>	<u>100</u>	<u>100</u>
<u>Thick resinous liquid</u>		
<u>gel like, high BTU</u>		

D. REGULATORY INFORMATIONUSEPA HAZARDOUS WASTE?: ☒ YES ☐ NOUSEPA CODE(S): D001, D043APPLICABLE SUBCATEGORIES: I, ESTATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NOPROPER SHIPPING NAME: RGWaste Flammable Liquid Toxic, NOSCLASS: 3 I.D. NO: UN1992 P.G.: II R.Q.: 100%**E. SHIPPING INFORMATION/SHIPMENT METHOD:**BULK LIQUID ☐ ANTICIPATED VOLUME: 18
BULK SOLID ☐
DUMP TRAILER ☐ QUANTITY: 18
ROLL-OFF ☐
☒ DRUM SIZE DRUMS
PALLETS ☐ PRICE: _____
CUBIC YARD BOX ☐ FREQUENCY: ONCE**F. SPECIAL HANDLING CONSIDERATIONS**CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL ☐ CCI SALES CODE _____
PROJECT CODE _____
OTHER INTL
Must incinerate @ WTI
Certificate of destruction required.**G. TRANSPORTATION ARRANGEMENTS**CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒**H. OTHER HAZARDOUS CHARACTERISTICS**INDICATE IF THE WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

White = Cycle Chem Yellow = Customer

13953

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, coliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes.

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

A. GENERATOR INFORMATION

GENERATOR NAME USEPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE LOW Chlorinated Liquids

GENERATOR USEPA ID NJPD000793240
BILLING ADDRESS Green Industries, Inc
413 Ashton Dr
Living of Prussia, PA 19406
CONTACT J. Markowski
PHONE # 610-491-9600 FAX # 610-491-9617
PROCESS GENERATING WASTE
EPA Site Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: varied color, thick, resinous

STRONG INCIDENTAL ODOR PRESENT
☒ YES ☐ NO

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☒ SEMI SOLID ☐ SLUDGE

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.1

FLASHPOINT

☒ 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ >200°F
☐ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0
% Suspended Solids 0
% Solid/Debris 0
% Free Liquids 100

pH

☐ < 2.0
☒ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ >12.50
☐ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

Temperature dependent

C. CHEMICAL COMPOSITION Is MSDS Attached? ☒ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Characterized low-chlorinated liquids</u>	<u>100</u>	<u>100</u>
<u>Thick resinous liquid gel like, high BTU</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): D001, D043

APPLICABLE SUBCATEGORIES: I, E

STATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: Rg waste Flammable Liquid, Toxic, NOS

CLASS: 3 I.D. NO: UN1992 P.G.: II R. Q.: 100+

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: 18
☐ BULK SOLID
☐ DUMP TRAILER QUANTITY: 18
☐ ROLL-OFF
☒ DRUM SIZE UNITS: DRUMS
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER WTI
Must incinerate @ WTI
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.22(1) at concentrations exceeding the UTL treatment standards? ☐ Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE Water Soluble Chlorinated
Liquid

GENERATOR USEPA ID NJP000793240
BILLING ADDRESS Green Industries, Inc
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Munksgaard
PHONE# (610) 491-9000 FAX# (610) 491-9017
PROCESS GENERATING WASTE PA Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Brown/Black Liquid

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.2

PHYSICAL STATE @ 70°F
☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT
☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 142°F
☒ 142°F - 200°F
☐ > 200°F
☐ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE
% Sludge
% Suspended Solids
% Solid/Debris
% Free Liquids 100

pH
☐ < 2.0
☐ 2.01-5
☒ 5.01-9
☐ 9.01-12.4
☐ > 12.50
EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
Characterized (Water)	<u>100</u>	<u>100</u>
Soluble Chlorinated		
(Liquid)		
<u>Viscous, high BTU</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): 0009, 0018, F002

APPLICABLE SUBCATEGORIES: LM

STATE HAZARDOUS WASTE?: ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: Flammable Waste Liquid, n.s.

CLASS: 9 I.D. NO: A308 P.G.: III R.Q.: 1*

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: _____
☐ BULK SOLID
☐ DUMP TRAILER QUANTITY: 8
☐ ROLL-OFF
☒ DRUM SIZE UNITS: 55, 42.5
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: Once

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER ROD or WTI only
Must incinerate @ PSS or WTI only!
Certificate of destruction required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:
☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
☐ BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. If your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes.

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

0573

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet
Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE Water Soluble Chlorinated
Liquid

GENERATOR USEPA ID NJP000793240
BILLING ADDRESS Green Industries, Inc
413 Ashton Drive
King of Prussia, PA 19406
CONTACT J. Munk
PHONE# (610) 491-9068 FAX # (610) 491-9617
PROCESS GENERATING WASTE PA Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Brown/Black Liquid

STRONG INCIDENTAL ODOR PRESENT
YES ☒ NO ☐

PHYSICAL STATE @ 70°F
SOLID ☐ SINGLE PHASE
LIQUID ☒ BI-LAYERED
POWDER ☐ MULTI-LAYERED
SEMI SOLID ☐ SLUDGE

WASTEWATER
NONWASTEWATER ☒

SPECIFIC GRAVITY: 1.2

FLASHPOINT
— < 70°F
— 70°F - 100°F
— 101°F - 141°F
☒ 142°F - 200°F
— > 200°F
— NO FLASH
— EXACT
Ignitable (if solid) Yes ☐ No ☐
Closed Cup Open Cup

LIQUID/SOLID/SLUDGE
% Sludge
% Suspended Solids
% Solid/Debris
% Free Liquids 100

pH
— < 2.0
— 2.01-5
☒ 5.01-9
— 9.01-12.4
— > 12.50
— EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): D009, D018, F002

APPLICABLE SUBCATEGORIES: LM

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: Flammable Liquid, n.s.

CLASS: 9 I.D. NO: A302 P.G.: III R.Q.: 1#

E. SHIPPING INFORMATION/SHIPMENT METHOD:

— BULK LIQUID ANTICIPATED VOLUME: _____
— BULK SOLID
— DUMP TRAILER QUANTITY: 8
— ROLL-OFF
— DRUM SIZE UNITS: 55, 42, 5
— PALLETS PRICE: _____
— CUBIC YARD BOX FREQUENCY: ch

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER: ROW or WTI only
Incineration (a) less of WTI only
Certificate of destruction required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

— RCRA REACTIVE
— WATER REACTIVE
— RADIOACTIVE
— SUBJECT TO SUBPART FF
— BENZENE REGULATIONS
— ETIOLOGICAL
— TSCA REGULATED
— OXIDIZING MATERIAL
— PYROPHORIC
— EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any amendment.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

B5-9

**Cycle Chem, Inc.**(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com217 South First Street
Elizabeth, NJ 07206**Material Profile Sheet**

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
 MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
 GENERATOR CONTACT Michael Ferriola
 GENERATOR PHONE # 732-321-4342
 SITE ADDRESS 27 Riverside Ave Newark, NJ 07104
 NAME OF WASTE BS-X Non Hazardous
Viscous Liquids

GENERATOR USEPA ID NJPD000793240

BILLING ADDRESS Green Industries
413 Ashton Drive
King of Prussia, PA 19406
 CONTACT John Moriskauer
 PHONE # 610-491-9660 FAX # 610-491-9617
 PROCESS GENERATING WASTE
EPA Site Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTEColor/Physical Description: VARIES / Thick Liquid

STRONG INCIDENTAL ODOR PRESENT

YES ☒ NO ☒WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: _____

PHYSICAL STATE @ 70°F

SOLID ☐ SINGLE PHASE
 LIQUID ☐ BI-LAYERED
 POWDER ☐ MULTI-LAYERED
 SEMI SOLID ☒ SLUDGE

FLASHPOINT
 < 70°F
 70°F - 100°F
 101°F - 141°F
 142°F - 200°F
 > 200°F
☒ NO FLASH
 EXACT
 Ignitable (if solid) Yes ☐ No ☐
 Closed Cup Open Cup

LIQUID/SOLID/SLUDGE
 % Sludge 100
 % Suspended Solids
 % Solid/Debris
 % Free Liquids

pH
 < 2.0
 2.01-5
☒ 5.01-9
 9.01-12.4
 > 12.50
 EXACT

Dumpable? ☒ Yes ☒ No
 Pumpable? ☒ Yes ☒ No
 Pourable? ☒ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? Yes No
 Is Analysis Attached? Yes No

	RANGE MINIMUM	RANGE MAXIMUM
<u>LATEX PAINT</u>	<u>1</u>	<u>50</u>
<u>Glues</u>	<u>1</u>	<u>50</u>
<u>Adhesives</u>	<u>1</u>	<u>50</u>

D. REGULATORY INFORMATIONUSEPA HAZARDOUS WASTE? ☐ YES ☒ NO

USEPA CODE(S): _____

APPLICABLE SUBCATEGORIES: _____

STATE HAZARDOUS WASTE? ☒ YES ☐ NOSTATE CODE(S): X900D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NOPROPER SHIPPING NAME: Non DOT / Non Reg. LiquidCLASS: X I.D. NO: X P.G.: X R.Q.: X**E. SHIPPING INFORMATION/SHIPMENT METHOD:**

BULK LIQUID

ANTICIPATED VOLUME: _____

BULK SOLID

DUMP TRAILER

ROLL-OFF

☒ DRUM SIZE

PALLETS

CUBIC YARD BOX

QUANTITY: 16 X 55

UNITS: _____

PRICE: _____

FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONSCERCLA FACILITIES ☒INCINERATE ONLY ☒

NO LANDFILL

CCI SALES CODE _____

PROJECT CODE _____

OTHER

Used incinerate (P) Ross!
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTSCUSTOMER WILL DELIVER TO CCI ☐CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐CCI TO PROVIDE TRANSPORTATION ☒**H. OTHER HAZARDOUS CHARACTERISTICS**

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
☐ BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? Yes ☒ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

White = Cycle Chem Yellow = Customer

13944

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. If your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

**Cycle Chem, Inc.**(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com217 South First Street
Elizabeth, NJ 07206**Material Profile Sheet**

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
 MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
 GENERATOR CONTACT Michael Ferrito
 GENERATOR PHONE # 732-321-4342
 SITE ADDRESS 27 Riverside Ave Newark, NJ 07104
 NAME OF WASTE BS-8 Non HAZ AR Dms
viscom Liquids

GENERATOR USEPA ID NJP000793240

BILLING ADDRESS Green Industries
413 Ashton Drive
King of Prussia, PA 19406
 CONTACT John Morsberger
 PHONE # 610-491-9660 FAX # 610-491-9667
 PROCESS GENERATING WASTE
EPA Site Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTEColor/Physical Description: VARIES / Thick Liquid

STRONG INCIDENTAL ODOR PRESENT

YES ☒ NO

PHYSICAL STATE @ 70°F

SOLID ☐ SINGLE PHASE
 LIQUID ☐ BI-LAYERED
 POWDER ☐ MULTI-LAYERED
 SEMI SOLID ☒ SLUDGE

WASTEWATER
NONWASTEWATER ☒

SPECIFIC GRAVITY: _____

FLASHPOINT

< 70°F
 70°F - 100°F
 101°F - 141°F
 142°F - 200°F
 > 200°F

NO FLASH

EXACT
 Ignitable (if solid) Yes ☐ No ☒
 Closed Cup Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 100
 % Suspended Solids
 % Solid/Debris
 % Free Liquids

pH
 < 2.0
 2.01-5
 5.01-9
 9.01-12.4
 > 12.50
 EXACT

Dumpable? ☒ Yes ☒ No
 Pumpable? ☒ Yes ☒ No
 Pourable? ☒ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? Yes ☐ No ☒
 Is Analysis Attached? Yes ☐ No ☒

	RANGE MINIMUM	RANGE MAXIMUM
<u>LATEX PAINT</u>	<u>1</u>	<u>50</u>
<u>Glues</u>	<u>1</u>	<u>50</u>
<u>Adhesives</u>	<u>1</u>	<u>50</u>

D. REGULATORY INFORMATIONUSEPA HAZARDOUS WASTE? ☐ YES ☒ NO

USEPA CODE(S): _____

APPLICABLE SUBCATEGORIES: _____

STATE HAZARDOUS WASTE? ☒ YES ☐ NOSTATE CODE(S): X906D.O.T. HAZARDOUS WASTE? ☐ YES ☒ NOPROPER SHIPPING NAME: Non DOT / Non Reg. LiquidCLASS: X I.D. NO: X P.G.: X R.Q.: X**E. SHIPPING INFORMATION/SHIPMENT METHOD:**

BULK LIQUID
 BULK SOLID
 DUMP TRAILER
 ROLL-OFF
☒ DRUM SIZE
 PALLETS
 CUBIC YARD BOX

ANTICIPATED VOLUME: _____

QUANTITY: 16 X 55

UNITS: _____

PRICE: _____

FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒
 NO LANDFILL
 PROJECT CODE

INCINERATE ONLY ☒
 CCI SALES CODE

OTHER 2055
Must incinerate @ Ross!
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTSCUSTOMER WILL DELIVER TO CCI ☐CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐CCI TO PROVIDE TRANSPORTATION ☒**H. OTHER HAZARDOUS CHARACTERISTICS**

INDICATE IF THE WASTE IS:

RCRA REACTIVE
 WATER REACTIVE
 RADIOACTIVE
 SUBJECT TO SUBPART FF
 BENZENE REGULATIONS
 ETIOLOGICAL
 TSCA REGULATED
 OXIDIZING MATERIAL
 PYROPHORIC
 EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

None or Less Than or Actual

PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(I) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approvals.

AUTHORIZED SIGNATURE: Michael FerritoTITLE: OSCDATE: 2/23/00

**Cycle Chem, Inc.**

(908) 355-5800 Fax (908) 355-0562

www.cyclechem.com

217 South First Street

Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME USEPA - Region II
 MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
 GENERATOR CONTACT Michael Ferriola
 GENERATOR PHONE # 732 321-4342
 SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
 NAME OF WASTE Acid Liquid

GENERATOR USEPA ID NJP000793240

BILLING ADDRESS Green Industries, Inc.
413 Ashton Dr
King of Prussia PA 19406
 CONTACT T. Morsberger
 PHONE # 610.491.9000 FAX # 610.491.9617
 PROCESS GENERATING WASTE
EPA Site Clean Out
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTEColor/Physical Description: Brown Dark Yellow LiquidSTRONG INCIDENTAL ODOR PRESENT
YES ☒ NO ☐

PHYSICAL STATE @ 70°F

SOLID ☐ SINGLE PHASE
 LIQUID ☒ BI-LAYERED (50%)
 POWDER ☐ MULTI-LAYERED
 SEMI SOLID ☐ SLUDGE

WASTEWATER
NONWASTEWATER ☒SPECIFIC GRAVITY: 1.0

FLASHPOINT

< 70°F
 70°F - 100°F
 101°F - 141°F
 142°F - 200°F
 > 200°F

NO FLASH

EXACT
 Ignitable (if solid) Yes ☐ No ☐
 Closed Cup Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0-10
 % Suspended Solids
 % Solid/Debris
 % Free Liquids 90-100

pH
2.0
 2.01-5
 5.01-9
 9.01-12.4
 > 12.50
 EXACT

Dumpable? Yes ☒ No ☐
 Pumpable? Yes ☒ No ☐
 Pourable? Yes ☒ No ☐

C. CHEMICAL COMPOSITION Is MSDS Attached? Yes No ☐
Is Analysis Attached? Yes No ☐

	RANGE MINIMUM	RANGE MAXIMUM
<u>Hydrochloric Acid</u>	<u>15</u>	<u>20</u>
<u>Sulfuric Acid</u>	<u>10</u>	<u>20</u>
<u>Water</u>	<u>70</u>	<u>75</u>

D. REGULATORY INFORMATIONUSEPA HAZARDOUS WASTE?: ☒ YES ☐ NOUSEPA CODE(S): D002, D008APPLICABLE SUBCATEGORIES: C, ESTATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NOPROPER SHIPPING NAME: RQ Waste Corrosive Liquid, AcidicCLASS: 8 I.D. NO: UN 3264 P.G.: II R.Q.: 100%**E. SHIPPING INFORMATION/SHIPMENT METHOD:**

BULK LIQUID ANTICIPATED VOLUME: 7
 BULK SOLID
 DUMP TRAILER QUANTITY: 7
 ROLL-OFF
 DRUM SIZE UNITS: DRUMS
 PALLETS PRICE:
 CUBIC YARD BOX FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
 NO LANDFILL ☒ CCI SALES CODE
 PROJECT CODE
 OTHER Wastewater treatment or incineration required. Certificate of treatment required.

G. TRANSPORTATION ARRANGEMENTSCUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒**H. OTHER HAZARDOUS CHARACTERISTICS**

INDICATE IF THE WASTE IS:

RCRA REACTIVE
 WATER REACTIVE
 RADIOACTIVE
 SUBJECT TO SUBPART FF
 BENZENE REGULATIONS
 ETIOLOGICAL
 TSCA REGULATED
 OXIDIZING MATERIAL
 PYROPHORIC
 EXPLOSIVE/SHOC SENSITIVE
 NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268.21(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes.

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

**Cycle Chem, Inc.**(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com217 South First Street
Elizabeth, NJ 07206**Material Profile Sheet**

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME USEPA - Region II
 MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
 GENERATOR CONTACT Michael Ferriola
 GENERATOR PHONE # 732-321-4342
 SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
 NAME OF WASTE Acid Liquid

GENERATOR USEPA ID NJP000793240BILLING ADDRESS Green Industries, Inc.413 Ashton Dr
King of Prussia PA 19406CONTACT J. Morsberger
PHONE # 610.491.9660 FAX # 610.491.9617PROCESS GENERATING WASTE
EPA Site Clean Out
CERCLA Removal Action**B. PHYSICAL CHARACTERISTICS OF WASTE**Color/Physical Description: Brown Dark Yellow LiquidSTRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO☒ WASTEWATER
☐ NONWASTEWATERSPECIFIC GRAVITY 1.0

PHYSICAL STATE @ 70°F

☒ SOLID
☒ LIQUID
☐ POWDER
☐ SEMI SOLID
☐ SINGLE PHASE
☒ BI-LAYERED
☐ MULTI-LAYERED
☐ SLUDGE
FLASHPOINT
☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☒ NO FLASHLIQUID/SOLID/SLUDGE
% Sludge 0-10
% Suspended Solids 0
% Solid/Debris 0
% Free Liquid 90-100PH 2.0
☒ 2.0
☐ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☐ EXACTEXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open CupDumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No**D. REGULATORY INFORMATION**USEPA HAZARDOUS WASTE?: ☒ YES ☐ NOUSEPA CODE(S): D002, D008APPLICABLE SUBCATEGORIES: C, ESTATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NOPROPER SHIPPING NAME: RQ Waste Corrosive Liquid, AcidicCLASS: 8 I.D. NO: UN324 P.G.: II R. Q.: 100#**E. SHIPPING INFORMATION/SHIPMENT METHOD:**☐ BULK LIQUID ☐ ANTICIPATED VOLUME: 7☐ BULK SOLID☐ DUMP TRAILER QUANTITY: 7☐ ROLL-OFF☒ DRUM SIZE UNITS: DRUMS☐ PALLETS PRICE: _____☐ CUBIC YARD BOX FREQUENCY: ONCE**F. SPECIAL HANDLING CONSIDERATIONS**CERCLA FACILITIES ☒ INCINERATE ONLY ☒NO LANDFILL ☒ CCI SALES CODE _____

PROJECT CODE _____

OTHER Dump +Wastewater treatment or incinerationrequired. Certificate of treatment required.**G. TRANSPORTATION ARRANGEMENTS**CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒**H. OTHER HAZARDOUS CHARACTERISTICS**

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
 BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☐ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any additional manifests.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME USEPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave Newark, NJ 07104
NAME OF WASTE Flammable Organic Solvents

GENERATOR USEPA ID NJP000793240

BILLING ADDRESS Chambers Industrial Inc
413 N. H-13, Ashton Drive
Asbury Park, NJ 07921-4406
CONTACT J. Flucke
PHONE # (609) 491-9100 FAX # (609) 491-9817
PROCESS GENERATING WASTE EPA (600) 4
CERCLA/RCRA Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Clear → White → Brown Liq.

STRONG INCIDENTAL ODOR PRESENT
☒ YES ☐ NO

PHYSICAL STATE @ 70°F
☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.0

FLASHPOINT

☒ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☐ NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge 0-10
% Suspended Solids
% Solid/Debris
% Free Liquids 100

pH
☒ < 2.0
☐ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☐ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION

Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
Characterized Solvents such as Benzene, Hexane	100	100
high BTU		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): 0001, 0018, F002

APPLICABLE SUBCATEGORIES: High IDL

STATE HAZARDOUS WASTE?: ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: Flammable Liquid, n.s.

CLASS: 3 I.D. NO: 1993 P.G.: II R.Q.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: _____
☐ BULK SOLID
☐ DUMP TRAILER QUANTITY: 26
☐ ROLL-OFF
☒ DRUM SIZE UNITS: 55, 10, 5
☐ PALLETS PRICE: _____
☐ CUBIC YARD BOX FREQUENCY: _____

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE
PROJECT CODE
OTHER WTF or Ross, Keystone only
Certificate of disposal required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☐

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input type="checkbox"/>	< 500 PPM	<input checked="" type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

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AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project. This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

White = Cycle Chem Yellow = Customer

BS-3



Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet
Product Code: _____
Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave Newark, NJ 07104
NAME OF WASTE BS-3 Combustible Flammable
Liquids. LINE ITEM #3.

GENERATOR USEPA ID NJP000793240
BILLING ADDRESS GREEN Industries.
413 Ashton Drive.
King of Prussia, PA 19406
CONTACT John Morsbauer
PHONE# 610-491-9660 FAX# 610-491-9617
PROCESS GENERATING WASTE
EPA SITE Cleanup.
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Clear Liquid.

STRONG-INCIDENTAL ODOR PRESENT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PHYSICAL STATE @ 70°F <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> POWDER <input type="checkbox"/> SEMI SOLID		<input type="checkbox"/> SINGLE PHASE <input type="checkbox"/> BI-LAYERED <input type="checkbox"/> MULTI-LAYERED <input type="checkbox"/> SLUDGE	
WASTEWATER <input checked="" type="checkbox"/> NONWASTEWATER <input type="checkbox"/>		SPECIFIC GRAVITY: <u>1.1</u>			
FLASHPOINT - < 70°F - 70°F - 100°F <input checked="" type="checkbox"/> 101°F - 141°F - 142°F - 200°F - > 200°F - NO FLASH - EXACT		LIQUID/SOLID/SLUDGE % Sludge % Suspended Solids % Solid/Debris % Free Liquids <u>100</u>		pH - < 2.0 - 2.01-5 - 5.01-9 - 9.01-12.4 <input checked="" type="checkbox"/> > 12.50 - EXACT	
Ignitable (if solid) <input type="checkbox"/> Yes <input type="checkbox"/> No Closed Cup <input type="checkbox"/> Open Cup		Dumppable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Pumpable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Pourable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO
USEPA CODE(S): D001, D002
APPLICABLE SUBCATEGORIES: N/A
STATE HAZARDOUS WASTE? ☒ YES ☐ NO
STATE CODE(S): _____
D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO
PROPER SHIPPING NAME: PO WASTE Flammable Liquid Corrosive
CLASS: 3 I.D. NO: UN224 P.G.: II R.Q.: 100 lbs.

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Sodium Metasilicate</u>	<u>10</u>	<u>90</u>
<u>Isopropanol</u>	<u>60</u>	<u>90</u>
<u>Sodium Hydroxide</u>	<u>10</u>	<u>30</u>

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ☐ BULK SOLID
☐ DUMP TRAILER ☐ ROLL-OFF
☒ DRUM SIZE
☐ PALLETS ☐ CUBIC YARD BOX
ANTICIPATED VOLUME: 4 dr
QUANTITY: 1X55, 3X10g
UNITS: _____
PRICE: _____
FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL ☐ CCI SALES CODE _____
PROJECT CODE _____
OTHER ROSS
Incinerate at ROSS or WTI only.
Certificate of destruction required.

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS: <input type="checkbox"/> RCRA REACTIVE <input type="checkbox"/> WATER REACTIVE <input type="checkbox"/> RADIOACTIVE <input type="checkbox"/> SUBJECT TO SUBPART FF BENZENE REGULATIONS <input type="checkbox"/> ETIOLOGICAL <input type="checkbox"/> TSCA REGULATED <input type="checkbox"/> OXIDIZING MATERIAL <input type="checkbox"/> PYROPHORIC <input type="checkbox"/> EXPLOSIVE/SHOC SENSITIVE <input checked="" type="checkbox"/> NONE OF THE ABOVE	Indicate If This Waste Contains Any Of The Following: PCB's _____ Cyanides _____ Phenolics _____ Sulfides _____ VOC's _____ None _____ or Less Than _____ or Actual _____ - < 50PPM _____ PPM - < 250PPM _____ PPM - < 50 PPM _____ PPM - < 500 PPM _____ PPM - < 500 PPM _____ PPM
--	--

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.
AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

Generator U.S.E.P.A. ID No.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes.

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

BS-3

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA - Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison, NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave Newark NJ 07104
NAME OF WASTE BS-3 Corrosive / Flammable
Liquids - LINE ITEM #3.

GENERATOR USEPA ID NJP0000793240

BILLING ADDRESS GREEN Industries
413 Ashton Drive
King of Prussia PA 19406
CONTACT John Morsberger
PHONE # 610-491-9460 FAX # 610-491-9417
PROCESS GENERATING WASTE
EIA SITE Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Clear Liquid

STRONG INCIDENTIAL ODOR PRESENT

☒ YES ☐ NO

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☒ LIQUID ☐ BI-LAYERED
☐ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

☒ WASTEWATER
☐ NONWASTEWATER

SPECIFIC GRAVITY: 2.1

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☒ 101°F - 141°F
☐ 142°F - 200°F
☐ > 200°F
☐ NO FLASH
EXACT

LIQUID/SOLID/SLUDGE

% Sludge _____
% Suspended Solids _____
% Solid/Debris _____
% Free Liquids 100

pH

☐ < 2.0
☐ 2.01-5
☐ 5.01-9
☒ 9.01-12.4
☐ > 12.50
EXACT

Ignitable (if solid) ☐ Yes ☐ No
Closed Cup ☐ Open Cup

Dumpable? ☒ Yes ☐ No
Pumpable? ☒ Yes ☐ No
Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☐ No
Is Analysis Attached? ☐ Yes ☐ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Sodium Metasilicate</u>	<u>10</u>	<u>40</u>
<u>Iso Propanol</u>	<u>60</u>	<u>90</u>
<u>Sodium Hydroxide</u>	<u>10</u>	<u>30</u>

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): D001, D002

APPLICABLE SUBCATEGORIES: N/A

STATE HAZARDOUS WASTE?: ☒ YES ☐ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: RQ WASTE Flammable Liquid Corrosive

CLASS: 3 I.D. NO: UN124 P.G.: II R.Q.: 100 lbs

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ANTICIPATED VOLUME: 4 dr
☐ BULK SOLID
☐ DUMP TRAILER
☐ ROLL-OFF
☒ DRUM SIZE QUANTITY: 1X55, 3X10g
☐ PALLETS UNITS: _____
☐ CUBIC YARD BOX PRICE: _____
FREQUENCY: ONCE

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER ROSS
Incinerate at ROSS - WTI only
Certificate of destruction required

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
☐ BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input type="checkbox"/>	<input type="checkbox"/> < 50PPM	<input type="checkbox"/> PPM
Cyanides	<input type="checkbox"/>	<input type="checkbox"/> < 250PPM	<input type="checkbox"/> PPM
Phenolics	<input type="checkbox"/>	<input type="checkbox"/> < 50 PPM	<input type="checkbox"/> PPM
Sulfides	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM
VOC's	<input checked="" type="checkbox"/>	<input type="checkbox"/> < 500 PPM	<input type="checkbox"/> PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the VTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any appropriate.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA-Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-221-4342
SITE ADDRESS 29 Riverside Ave, Newark, NJ 07104
NAME OF WASTE 000Y inert Solids

GENERATOR USEPA ID NJP000793240

BILLING ADDRESS Green Industries Inc.
413 Ashton Drive
King of Prussia, PA 19406

CONTACT J. M. Albermarle
PHONE# (610) 491-9668 FAX # (610) 491-9617
PROCESS GENERATING WASTE EPA Site Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Varies/pastes, chunks, powdery

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY: 1.0

PHYSICAL STATE @ 70°F

☒ SOLID ☐ SINGLE PHASE
☐ LIQUID ☐ BI-LAYERED
☒ POWDER ☐ MULTI-LAYERED
☐ SEMI SOLID ☐ SLUDGE

FLASHPOINT

☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☒ > 200°F

☒ NO FLASH

EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

LIQUID/SOLID/SLUDGE

% Sludge
% Suspended Solids
% Solid/Debris 100
% Free Liquids

pH

☒ < 2.0
☐ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ > 12.50
☐ EXACT

Dumpable? ☒ Yes ☐ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

some

C. CHEMICAL COMPOSITION

Is MSDS Attached? ☐ Yes ☒ No

Is Analysis Attached? ☐ Yes ☒ No

	RANGE MINIMUM	RANGE MAXIMUM
<u>Debris (Wicks, wax, cardboard)</u>	<u>20</u>	<u>100</u>
<u>Powdery Sludge, & solids,</u>	<u>20</u>	<u>30</u>
<u>mostly dry, powders,</u>		
<u>sludges</u>		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE?: ☒ YES ☐ NO

USEPA CODE(S): 0008

APPLICABLE SUBCATEGORIES: Lead 100ppm

STATE HAZARDOUS WASTE?: ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE?: ☒ YES ☐ NO

PROPER SHIPPING NAME: Roadway Waste Solid, no.

CLASS: 9 I.D. NO: MA307 P.G.: III R.Q.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD:

☐ BULK LIQUID ☐ ANTICIPATED VOLUME: 14
☐ BULK SOLID
☐ DUMP TRAILER
☐ ROLL-OFF
☒ DRUM SIZE QUANTITY: 14
☐ PALLETS UNITS: 55, 43, 30, 10, 5
☐ CUBIC YARD BOX PRICE: _____
FREQUENCY: one

F. SPECIAL HANDLING CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL CCI SALES CODE _____
PROJECT CODE _____
OTHER Ross only
Incinerate @ Ross only
certificate of destruction required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOCK SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCB's	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment of correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

INSTRUCTIONS FOR MATERIAL PROFILE SHEET

SECTION A – GENERATOR INFORMATION

Generator Name

Generator U.S.E.P.A. ID No.

Enter the name of the facility actually generating waste, not the parent corporation or financier of the project.

This number has a three-letter prefix consisting of a two-letter state abbreviation and D (NYD, NJD, and PAD) followed by nine digits. IF your facility does not have an E.P.A. ID Number, call us and we will direct you to the proper regulatory agency.

Pick-Up Address

Enter the address of the facility where the waste is generated and transported from, including street, city, state and zip code. Unless we are instructed otherwise, all manifest copies will be sent to that address.

Billing Address

Enter the address to which the invoice should be sent. Write "Same" if it the same as the facility address.

Technical Contact

Enter the name, title and phone number of the person who can provide the most technical information regarding the waste.

Name of Waste

Enter a specific descriptive name for the waste.

Process Generating the Waste

Provide a description of the process generating the waste, for example: "Nickel electrolyses plating operation" "Electronic parts manufacturer degreasing operation" or "auto body spray paint operation".

SECTIONS B AND C – GENERAL INSTRUCTIONS

Please answer all questions in Section B and C. Do not leave blanks and do not use "Not Applicable" or "NA". If the waste material does not exhibit the property or contain the substances in question, enter "None". Your answers to questions in these sections can be based on the following sources of information.

- (1) Your knowledge of the process generating the waste, including feedstocks, products and by-products, and contaminants that may be in the waste material.
- (2) If the waste material is discarded, off-spec or spent commercial product, you may use information from the product's MSDS supplemented to include contaminants that may have entered the waste material and changes in its composition and/or properties resulting from its use. For example, oil and grease would be likely contaminants in a degreasing solvent. Please attach a copy of the manufacturer's MSDS for the original product if the waste is a discarded, off-spec or spent commercial product.
- (3) Physical/chemical analysis of waste material. If you are relying upon direct analysis of the waste material to ascertain its properties or composition, please attach a copy of the analytical results to the MPS. In addition, please indicate what type of waste sample was analyzed (grab, composite, time weighted composite), how representative the sample is expected to be, considering the normal variability of the waste stream, and the sampling equipment used to collect the sample (thief, dipper, auger, weighted bottle, colliwasa, dredge, etc.). Standard EPA Test Methods for Evaluating Solid Waste (SW-846) must be used for any parameters for which they are available, ASTM, or other standard methods will be used for additional parameters.

SECTION B – PHYSICAL CHARACTERISTICS OF WASTE

COLOR

Describe the color of the waste (e.g. blue, clear, varies).

WASTEWATER;

NONWASTEWATER

A wastewater must meet the criteria of < 1% total organic carbon and < 1% total suspended solids.

ODOR

DO NOT SMELL THE WASTE! If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).

PHYSICAL STATE

Check appropriate boxes.

LAYERS

Check appropriate boxes

SPECIFIC GRAVITY

Indicate the specific gravity. The specific gravity of water is 1.0. Most organics are less than 1.0. Chlorinated solvents, most inorganics and paint sludge are greater than 1.0.

FREE LIQUIDS

Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "N" if there are no free liquids as defined by the Paint Filter Test (SW 846 Method 9095). Check "YES" if liquid and is able to be pumped through a 2" double diaphragm pump (Wilden Co.). Check "YES" if liquid and able to pour out a drum by gravity if turned upside down.

pH

Indicate for liquid or liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. For solids or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste, if applicable. Check "NA" for non-water soluble materials (e.g. bricks, dismantled tanks, empty drums, gases and rocks).

FLASHPOINT

Indicate the liquid flash point obtained using the appropriate testing method (40 CFR 261.21). The liquid flash point is important from a transportation standpoint (49 CFR 173.115). Indicate if solids are ignitable at or below 140°F.

SECTION C – CHEMICAL COMPOSITION

List all organic and/or inorganic components of the waste using specific chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In case of extreme pH (2 or less or 12.5 or greater) indicate specific acid or caustic species present. The total of the maximum values of the components must be greater than or equal to 100%, including waters, earth, etc. Proper chemical names or at least specific generic names are required under chemical composition. If specific chemical names are not known, specific generic names such as "naphtha, mineral spirits, kerosene, solidified phenolic resin, latex paint, alkyd paint, nonionic detergent, crankcase oil, cutting oil, hydraulic fluid, etc." that correspond to specific well known chemical mixtures with specific properties should be used. Vague descriptions such as "solvents" or "organics" are not acceptable. Terms such as "inerts" or "non-hazardous ingredients" are not acceptable without identification of the nature of the inert (e.g., soil, construction debris, water) or an authoritative source for the description such as "non-hazardous per manufacturer's MSDS."

SECTION D – REGULATORY INFORMATION

Indicate if this waste is a USDOT Hazardous Material (49 CFR 172.101) and include all required DOT shipping information.

USEPA Hazardous Waste – Indicate if this waste is a USEPA Hazardous Waste (40 CFR 261) and list all EPA waste codes and applicable subcategories.

State Hazardous Waste – Indicate if this waste is a hazardous waste as defined by the state in which it is now located and list appropriate state waste codes.

Hazard Codes – List all applicable hazard codes for manifesting purposes, i.e. "T" for toxic, "C" for corrosive.

CERCLA – Reportable Quantity (RQ) – Enter the Reportable Quantity for this waste from 49 CFR 172 or 40 CFR 302.

GENERATOR CERTIFICATION

After completing and reviewing the form, an authorized representative of the generator must sign and date the MPS in the space provided. In the section that reads TITLE, print the signatory's NAME and TITLE. Forward the completed form with all appropriate attachments to the respective facility. Your approved copy will be returned to you.

Cycle Chem, Inc.
(908) 355-5800 Fax (908) 355-0562
www.cyclechem.com

217 South First Street
Elizabeth, NJ 07206

Material Profile Sheet

Product Code: _____

Generator No: _____

A. GENERATOR INFORMATION

GENERATOR NAME US EPA-Region II
MAILING ADDRESS 2890 Woodbridge Ave
Edison NJ 08837
GENERATOR CONTACT Michael Ferriola
GENERATOR PHONE # 732-321-4342
SITE ADDRESS 29 Riverside Ave Newark, NJ 07104
NAME OF WASTE 000Y inert Solids

GENERATOR USEPA ID NJP0000793240

BILLING ADDRESS Green Industries, Inc
413 Ashton Drive
King of Prussia, PA 19406

CONTACT J. Myrberg
PHONE# (610) 491-9668 FAX # (610) 491-9617
PROCESS GENERATING WASTE EPA Site Cleanup
CERCLA Removal Action

B. PHYSICAL CHARACTERISTICS OF WASTE

Color/Physical Description: Varies/parts, chunks, powder

STRONG INCIDENTAL ODOR PRESENT
☐ YES ☒ NO

WASTEWATER
☒ NONWASTEWATER

SPECIFIC GRAVITY 1.0

PHYSICAL STATE @ 70°F
SOLID ☐ SINGLE PHASE
LIQUID ☐ BI-LAYERED
POWDER ☒ MULTI-LAYERED
SEMI SOLID ☐ SLUDGE

FLASHPOINT
☐ < 70°F
☐ 70°F - 100°F
☐ 101°F - 141°F
☐ 142°F - 200°F
☒ > 200°F

LIQUID/SOLID/SLUDGE
% Sludge _____
% Suspended Solids _____
% Solid/Debris 100
% Free Liquids _____

pH
☐ ≤ 2.0
☒ 2.01-5
☐ 5.01-9
☐ 9.01-12.4
☐ ≥ 12.50
☐ EXACT

NO FLASH
EXACT
Ignitable (if solid) ☐ Yes ☒ No
Closed Cup ☐ Open Cup

Dumpable? ☒ Yes ☐ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

C. CHEMICAL COMPOSITION Is MSDS Attached? ☐ Yes ☒ No
Is Analysis Attached? ☐ Yes ☒ No

	RANGE MINIMUM	RANGE MAXIMUM
Debris (wick, wax, cardboard)	20	100
Empty Sheds + Solids,	20	80
spilled dry, powders,		
sludges		

D. REGULATORY INFORMATION

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

USEPA CODE(S): 0008

APPLICABLE SUBCATEGORIES: Lead 100ppm

STATE HAZARDOUS WASTE? ☐ YES ☒ NO

STATE CODE(S): _____

D.O.T. HAZARDOUS WASTE? ☒ YES ☐ NO

PROPER SHIPPING NAME: RQ Hazardous Waste Solid, no.

CLASS: 9 I.D. NO: NA3077 P.G.: III R.Q.: 100

E. SHIPPING INFORMATION/SHIPMENT METHOD:

BULK LIQUID _____ ANTICIPATED VOLUME: 14
BULK SOLID _____
DUMP TRAILER _____ QUANTITY: 14
ROLL-OFF _____
DRUM SIZE _____ UNITS: 55, 43, 30, 10, 5
PALLETS _____ PRICE: _____
CUBIC YARD BOX _____ FREQUENCY: once

F. SPECIAL HANDLING/CONSIDERATIONS

CERCLA FACILITIES ☒ INCINERATE ONLY ☒
NO LANDFILL _____ CCI SALES CODE _____
PROJECT CODE _____
OTHER Ross only
Incinerate @ Ross only
Certificate of destruction required!

G. TRANSPORTATION ARRANGEMENTS

CUSTOMER WILL DELIVER TO CCI ☐ CUSTOMER WILL DELIVER TO END FACILITY VIA CCI ☐ CCI TO PROVIDE TRANSPORTATION ☒

H. OTHER HAZARDOUS CHARACTERISTICS

INDICATE IF THE WASTE IS:

☐ RCRA REACTIVE
☐ WATER REACTIVE
☐ RADIOACTIVE
☐ SUBJECT TO SUBPART FF
BENZENE REGULATIONS
☐ ETIOLOGICAL
☐ TSCA REGULATED
☐ OXIDIZING MATERIAL
☐ PYROPHORIC
☐ EXPLOSIVE/SHOC SENSITIVE
☒ NONE OF THE ABOVE

Indicate If This Waste Contains Any Of The Following:

	None	or Less Than	or Actual
PCBs	<input checked="" type="checkbox"/>	< 50PPM	PPM
Cyanides	<input checked="" type="checkbox"/>	< 250PPM	PPM
Phenolics	<input checked="" type="checkbox"/>	< 50 PPM	PPM
Sulfides	<input checked="" type="checkbox"/>	< 500 PPM	PPM
VOC's	<input checked="" type="checkbox"/>	< 500 PPM	PPM

Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004-D043)? ☒ Yes ☐ No. If yes, please list the constituents and concentrations in Section D.

Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 (2)(1) at concentrations exceeding the UTS treatment standards? ☒ Yes ☐ No. If yes, please list constituents and concentrations in Section D.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI discovers, after having taken delivery of the waste, that any waste does not conform to the identification and description on this MPS then CCI shall provide notice of such condition to the Generator and coordinate the return of the nonconforming waste to the point of origin as set forth on the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI for all handling, packaging, clean-up and transportation costs or charges, damage to equipment, and costs associated with lost time incurred by CCI during the receipt, handling, temporary storage and return of such nonconforming waste to point of origin or to such other location designated by Generator. I hereby authorize CCI to amend and/or correct any information on the MPS with the full understanding that if any amendment of correction is performed, I will be contacted as such to issue any approval.

AUTHORIZED SIGNATURE: Michael Ferriola TITLE: OSC DATE: 2/23/00

Form ID: No.

0200

Sender's Copy

1 From Please print and press hard
 Date **2/23/00** Sender's FedEx Account Number **1101-4619-1**
 Sender's Name **Michael Ferriola** Phone **(732) 321-4342**

Company
 Address **2890 Woodbridge Ave**
Edison State **NJ** ZIP **08837**
 Dept./Floor/Suite/Room

2 Your Internal Billing Reference **501012** OPTIONAL
 First 24 characters will appear on invoice.

3 To
 Recipient's Name **Cyril Timko** Phone ()
 Company **WRS - Bottle House Site**
451 Front & Liberty St.
 Address
 We cannot deliver to P.O. boxes or P.O. ZIP codes.
 Dept./Floor/Suite/Room

To "HOLD" at FedEx location print FedEx address here.
 City **Allentown** State **Pa** ZIP **18101**

Questions? Call 1-800-Go-FedEx® (800-463-3339)
 Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

4a Express Package Service

☒ **FedEx Priority Overnight** Next business morning
☐ **FedEx Standard Overnight** Next business afternoon
☐ **FedEx 2Day*** Second business day
☐ **FedEx Express Saver*** Third business day

Packages up to 150 lbs.
 Delivery commitment may be later in some areas.
☐ **FedEx First Overnight** Earliest next business morning delivery to select locations

* FedEx Letter Rate not available Minimum charge: One-pound rate

4b Express Freight Service

☐ **FedEx 1Day Freight*** Next business day
☐ **FedEx 2Day Freight** Second business day
☐ **FedEx 3Day Freight** Third business day

Packages over 150 lbs.
 Delivery commitment may be later in some areas.

* Call for Confirmation:

5 Packaging

☐ **FedEx Letter*** ☐ **FedEx Pak*** ☒ **Other Pkg.** Includes FedEx Box, FedEx Tube, and customer pkg.
 * Declared value limit \$500

6 Special Handling

☐ **Saturday Delivery** Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
☐ **Sunday Delivery** Available for FedEx Priority Overnight to select ZIP codes
☐ **HOLD Weekday at FedEx Location** Not available with FedEx First Overnight
☐ **HOLD Saturday at FedEx Location** Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?

☒ **No** ☐ **Yes** As per attached Shipper's Declaration not required
☐ **Yes** Shipper's Declaration not required
☐ **Dry Ice** Dry Ice, 3, UN 1845 x kg
☐ **Cargo Aircraft Only**

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.
☒ **Sender** Acct. No. in Section 1 will be billed. ☐ **Recipient** ☐ **Third Party** ☐ **Credit Card** ☐ **Cash/Check**
 FedEx Acct. No. **1101-4619-1** Exp. Date

Total Packages **1** **Total Weight** **3** **Total Declared Value†** \$ **.00**

†Our liability is limited to \$100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Terms And Conditions

Definitions On this Airbill, "we," "our," and "us" refer to Federal Express Corporation, its employees, and agents. "You" and "your" refer to the sender, its employees, and agents.

Agreement To Terms By giving us your package to deliver, you agree to all the terms on this Airbill and in our current Service Guide, which is available on request. You also agree to those terms on behalf of any third party with an interest in the package. If there is a conflict between the Service Guide and this Airbill, the Service Guide will control. No one is authorized to change the terms of our Agreement.

Responsibility For Packaging And Completing Airbill You are responsible for adequately packaging your goods and properly filling out this Airbill. If you omit the number of packages and/or weight per package, our billing will be based on our best estimate of the number of packages we received and/or an estimated "default" weight per package as determined by us.

Responsibility For Payment Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we incur in either returning your package to you or warehousing it pending disposition.

Limitations On Our Liability And Liabilities Not Assumed

- Our liability in connection with this shipment is limited to the lesser of your actual damages or \$100, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. You may pay an additional charge for each additional \$100 of declared value. The declared value does not constitute, nor do we provide, cargo liability insurance.
- In any event, we will not be liable for any damage, whether direct, incidental, special, or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including but not limited to loss of income or profits.

We won't be liable:

- for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking, or addressing, or those of the recipient or anyone else with an interest in the package
- if you or the recipient violates any of the terms of our Agreement
- for loss or damage to shipments of prohibited items
- for loss, damage, or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts of public authorities with actual or apparent authority.

Declared Value Limits

- The highest declared value allowed for FedEx Letter and FedEx Pak shipments is \$500.
- For other shipments, the highest declared value allowed is \$50,000 unless your package contains items of "extraordinary value," in which case the highest declared value allowed is \$500.
- Items of "extraordinary value" include shipments containing such items as artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our Service Guide.
- You may send more than one package on this Airbill and fill in the total declared value for all packages, not to exceed the \$100, \$500, or \$50,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$250,000.) In that case, our liability is limited to the actual value of the package(s) lost or damaged, but may not exceed the maximum allowable declared value(s) or the total declared value, whichever is less. You are responsible for proving the actual loss or damage.

Filing A Claim YOU MUST MAKE ALL CLAIMS IN WRITING and notify us of your claim within strict time limits set out in the current Service Guide.

You may call our Customer Service department at 1-800-GoFedEx® (800-463-3339) to report a claim; however, you must still file a timely written claim.

Within 90 days after you notify us of your claim, you must send us all the information you have about it. We aren't obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume the package was delivered in good condition. For us to process your claim, you must make the original shipping cartons and packing available for inspection.

Delivery to Residential Locations Shipments to residential locations using FedEx Express Saver may be delivered without obtaining the recipient's signature.

Right To Inspect We may, at our option, open and inspect your packages before or after you give them to us to deliver.

Right Of Rejection We reserve the right to reject a shipment when such shipment would be likely to cause delay or damage to other shipments, equipment, or personnel; or if the shipment is prohibited by law; or if the shipment would violate any terms of our Airbill or our current Service Guide.

C.O.D. Services C.O.D. SERVICE IS NOT AVAILABLE WITH THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. Airbill.

Air Transportation Tax Included A federal excise tax when required by the Internal Revenue Code on the air transportation portion of this service, if any, is paid by us.

Money-Back Guarantee In the event of untimely delivery, Federal Express will, at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for more information.

1 From Please print and press hard
 Date: 2/23/00 Sender's FedEx Account Number 1101-4619-1
 Sender's Name Michael Ferriola Phone 732-321-4342

Company
 Address 2890 Woodbridge Ave
 City Edison State NJ ZIP 08837

2 Your Internal Billing Reference 501012
First 24 characters will appear on invoice.

3 To Recipient's Name Cyril Timko Phone
 Company WRS - Bottle House Site
 Address 451 Front & Liberty St.
We cannot deliver to P.O. boxes or P.O. ZIP codes.

City Allentown State Pa ZIP 18101

Questions? Call 1-800-Go-FedEx® (800-463-3339)
 Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Cyril Fax #

215-441-9249

Form 0200

4a Express Package Service

☒ FedEx Priority Overnight Next business morning ☐ FedEx Standard Overnight Next business afternoon ☐ FedEx First Overnight Earliest next business morning delivery to select locations
☐ FedEx 2Day® Second business day ☐ FedEx Express Saver® Third business day

4b Express Freight Service

☐ FedEx 1Day Freight® Next business day ☐ FedEx 2Day Freight Second business day ☐ FedEx 3Day Freight Third business day

* Call for Confirmation:

5 Packaging

☐ FedEx Letter® ☐ FedEx Pak® ☒ Other Pkg. Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

☐ Saturday Delivery Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes ☐ Sunday Delivery Available for FedEx Priority Overnight to select ZIP codes ☐ HOLD Weekday at FedEx Location Not available with FedEx First Overnight ☐ HOLD Saturday at FedEx Location Available for FedEx Priority Overnight and FedEx 2Day to select locations
 Does this shipment contain dangerous goods? One box must be checked.
☒ No ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required ☐ Dry Ice Dry Ice, 3, UN 1845 x kg ☐ Cargo Aircraft Only

7 Payment Bill to:

☒ Sender First No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
 FedEx Acct. No. 1101-4619-1 Exp. Date

Total Packages 1 Total Weight 3 Total Declared Value? \$.00

* Our liability is limited to \$100 unless you declare a higher value. See back for details.

8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360